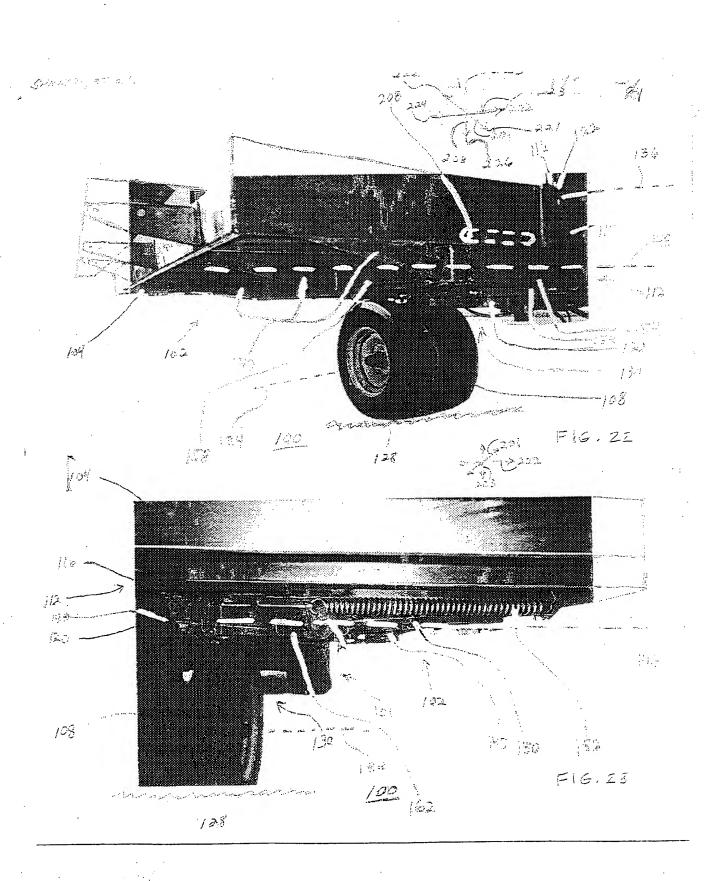
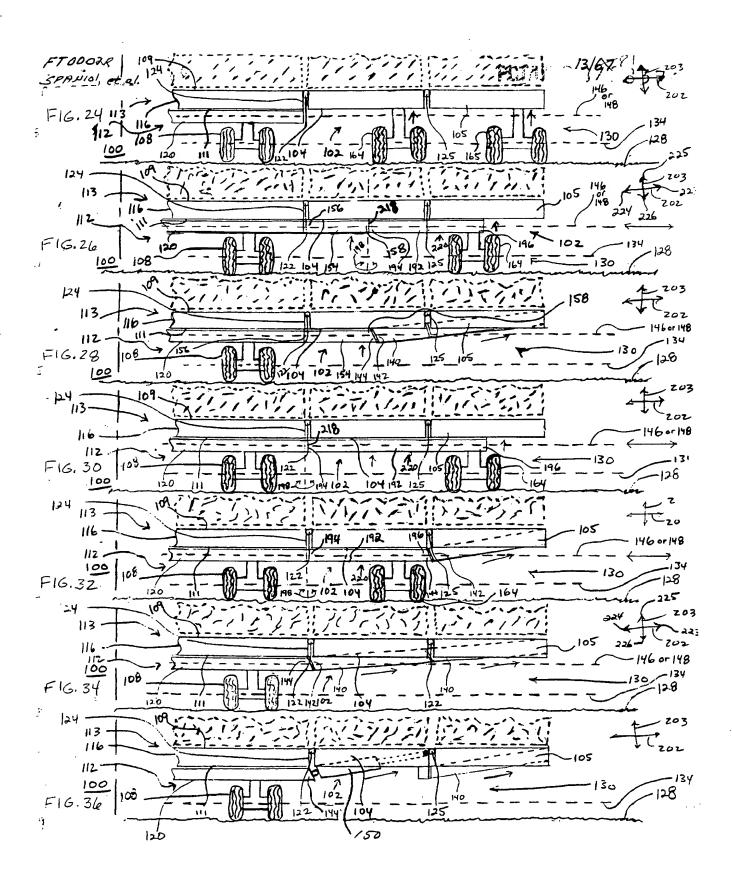
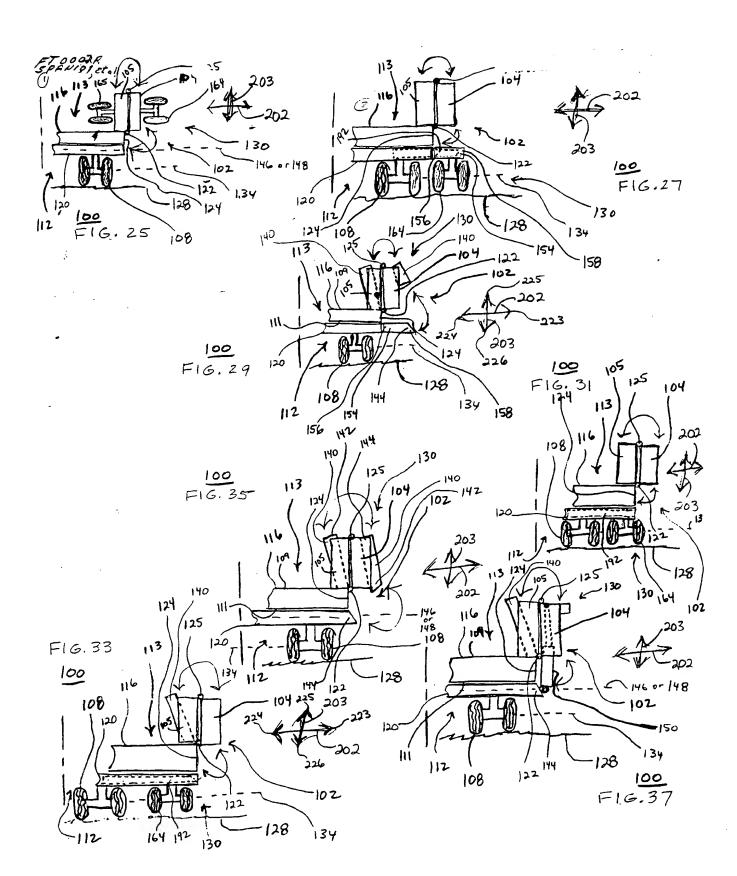


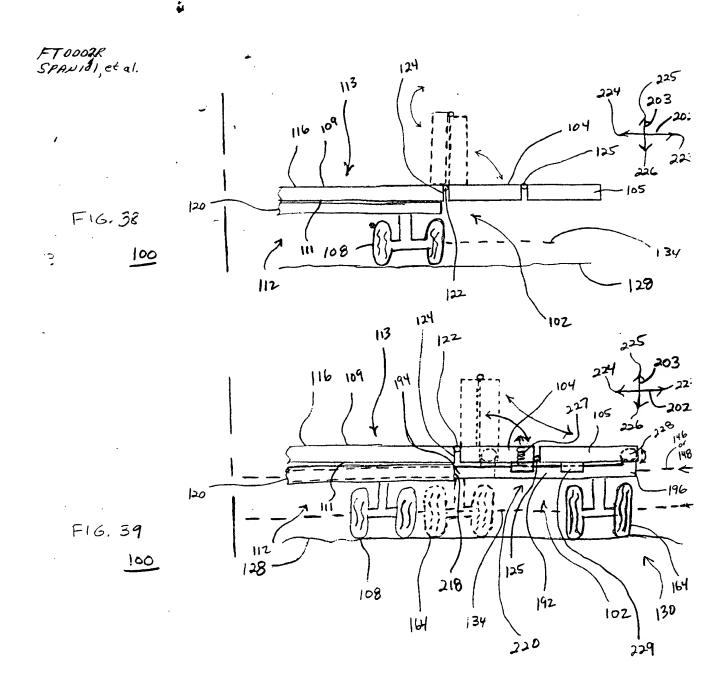
100

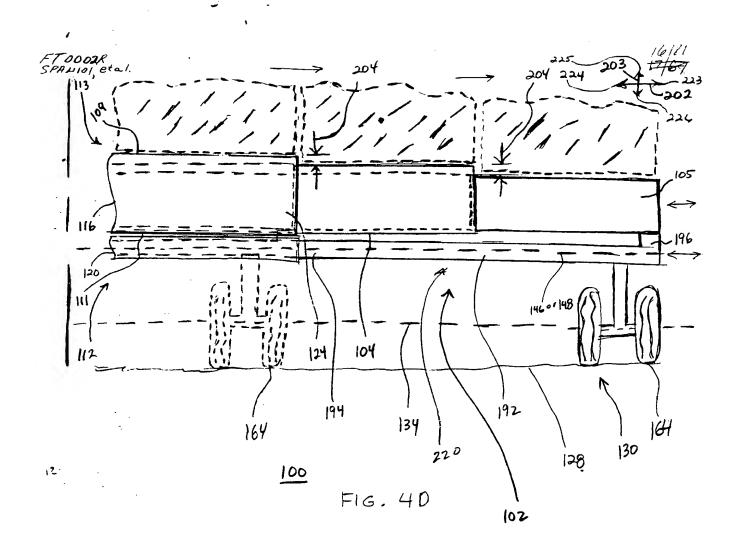
FIG. 21











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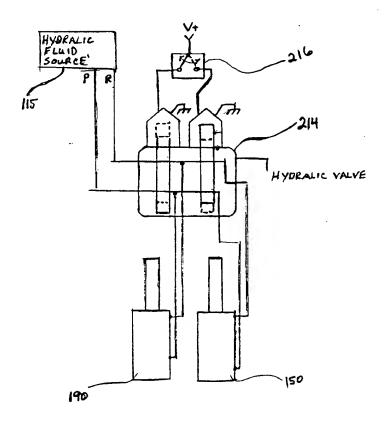


FIG. 41

18	/	81		

	CST SUPPORT	NO SUPPORT	Connect extension SUPPORT WHEEL (164)	FIRST (140 FRAME EXTENSION	innected to truse module and extension table SECOND (150) FRAME JEXTENSION MEMBER (ex: cylinder)	Main	FOURTH (192) FRAME EXTENSION MEMBER (ex: moveable frame)
5	ystem 130)						· · · · · · · · · · · · · · · · · · ·
	NO SUPPORT	1	2	3	4	5	6
Connected to Faterisian Table	SUPPORT WHEEL (144)	7	8	9	10	11	12
	FRST (140) FRAME EXTENSION MENIBER (A:truss)	13	14	15	16	17	18
Connected to Pas- Module An	SECOND FRAME EXTENSION MEMBER (ex: cylinder)	19	20	21	22	23	24
Converted to Non France	THIRD (154) FRAME EXTENSION MEMBER (exitived frame)		26	27	28	29	30
	FOURTH(192) =RAME LYTENSION MEMBER (a: movable frame)	31	3 2	33	34	35	36

F1G. 42

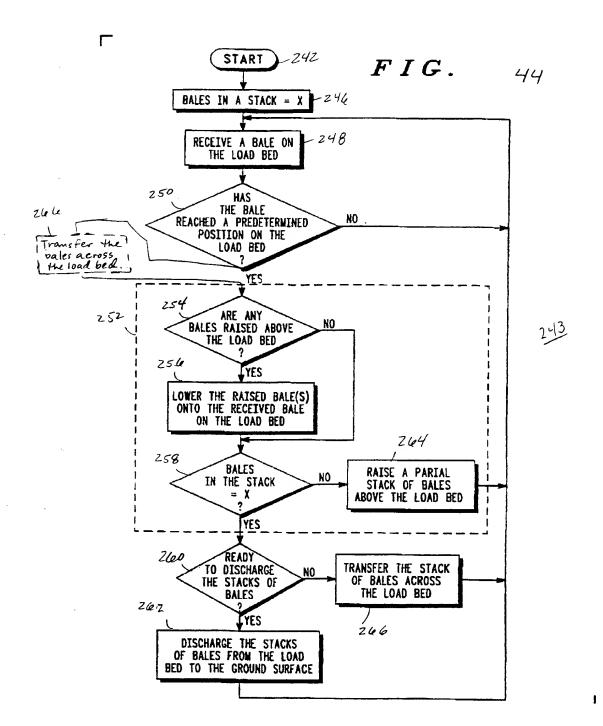
Start - 20 FIG. 43 232

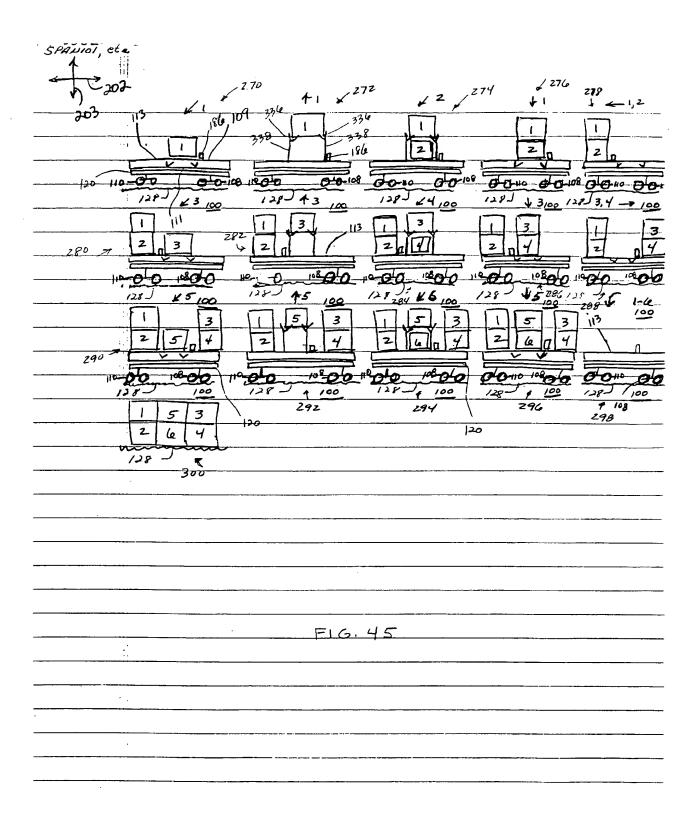
Pecerial a plurality of balls on a bale receiving portion of a substantially planar load bed along a bale receiving axis, wherein the bale receiving portion is disposed within a perimeter of the load bed, wherein the bale receiving axis is desposed substantially parallel to a longitudinal axis of the load bed, and wherein the bales are received in a 232 bele receiving direction essentially opposed to an accumulator traveling direction.

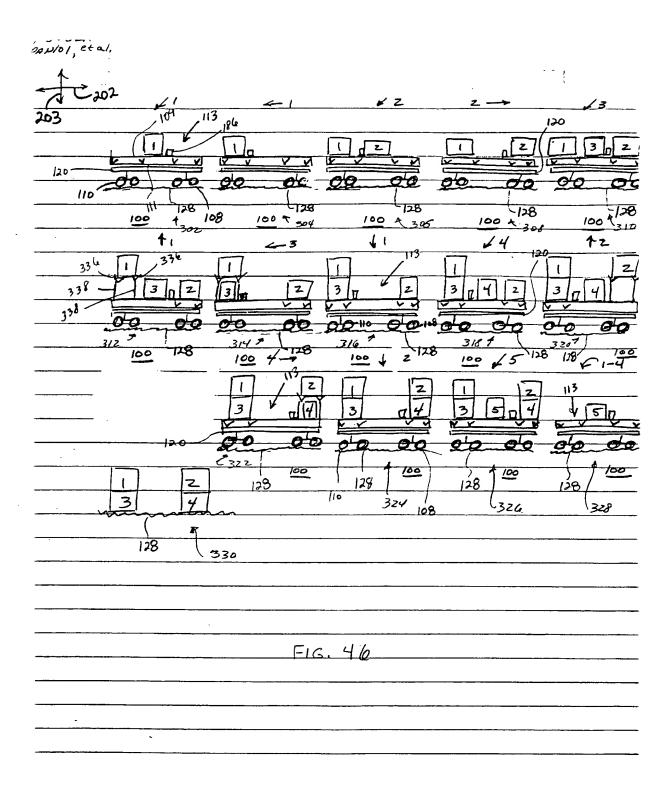
form a stack of bales on the load lied (preferably, on the lak receiving portion) along a bale stacking whis disposed vertically transverse to the bale receiving axis, wheren the stock of bales includes at least a first bale and a second ball in direct contact with each other along the vertical axis.

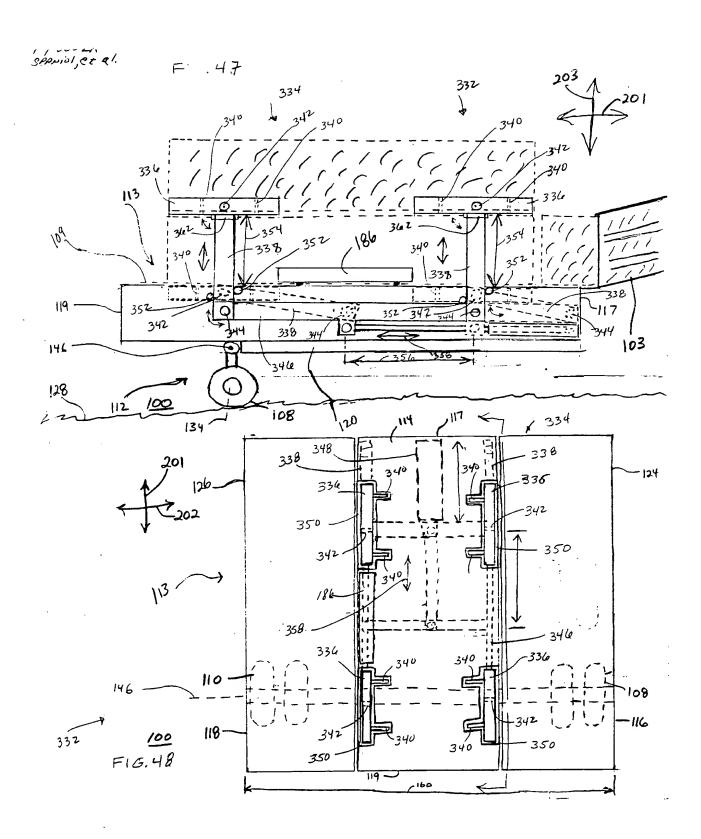
Transfer the plurality of bales (preferably, the stack of bales) across the load bed along a bale transferring the designment horizontally transverse to the bale receiving apis and the bale stacking apis and disposed substantially parallel to a lateral axis of the load bed to accumulate a plurality of stacks of takes on the load bed

Discharge the plurality of bales (proposally, the plurality of the stacks of bales) accumulated on the load bed (preferally, including the bale receiving portion) from the load bed feel to a ground surface along a bale discharge axis, substantially parallel to the longitudinal axis, and in a bale discharge direction, essentially opposite to the accumulator traveling direction.









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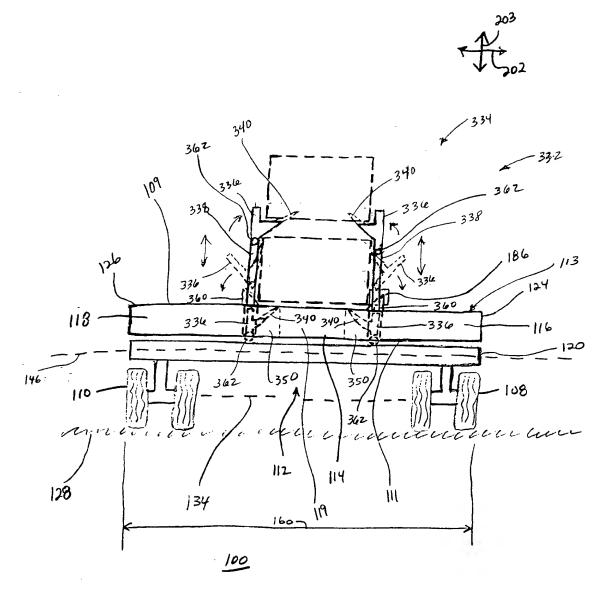
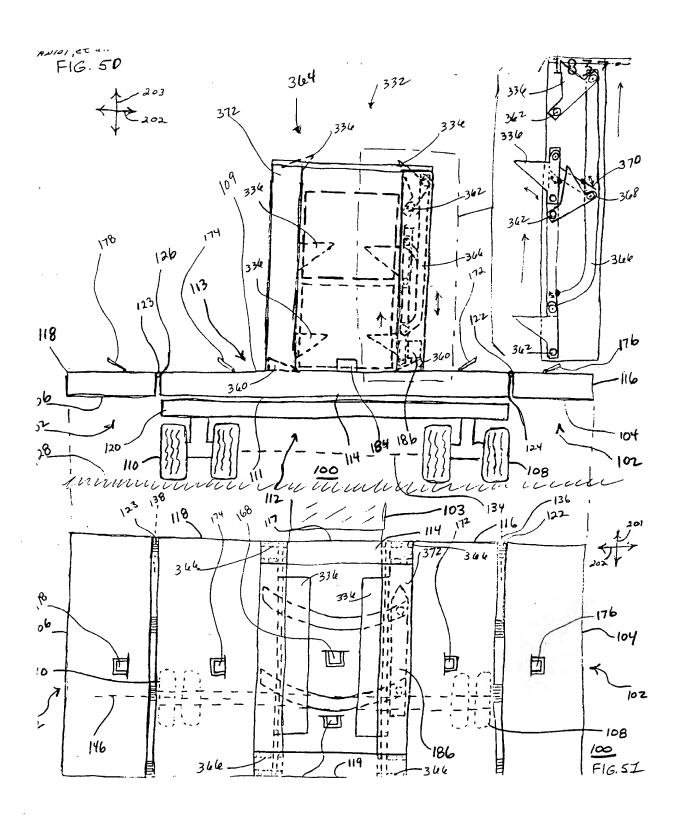
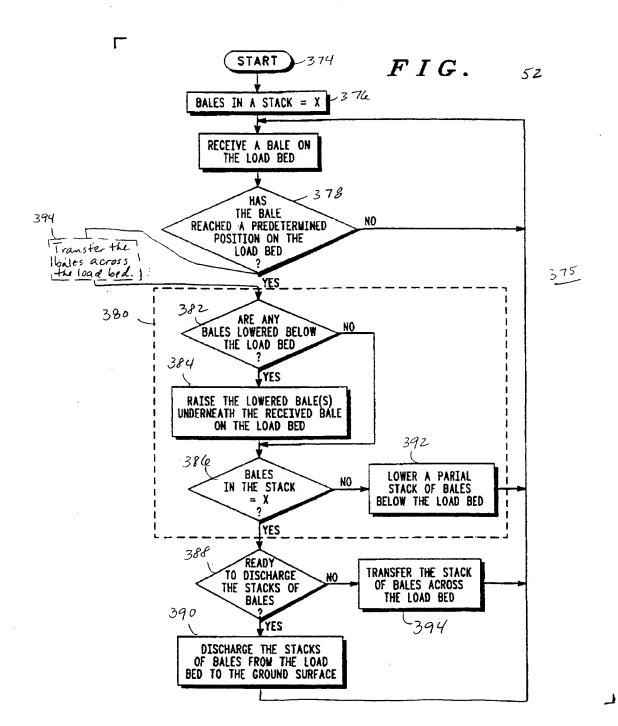
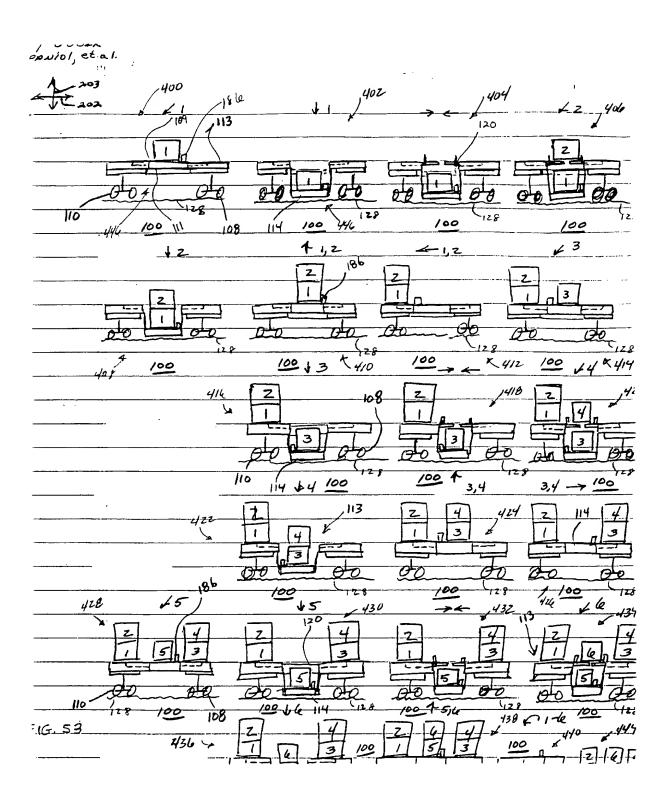
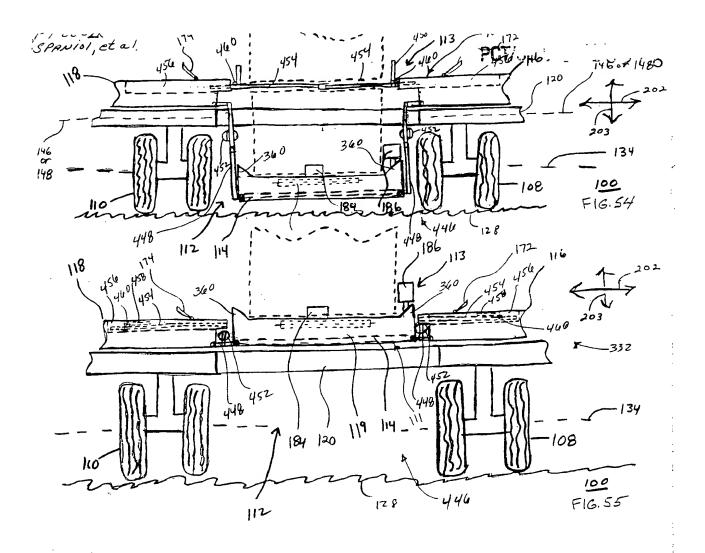


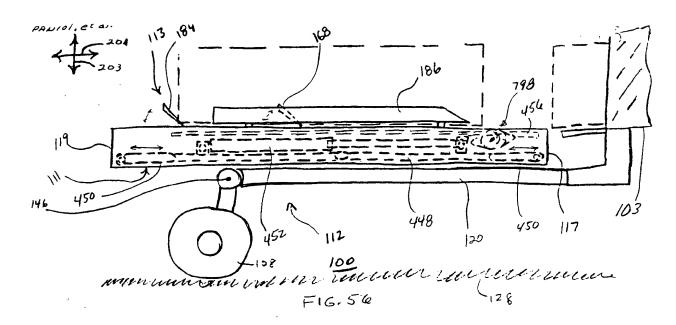
FIG. 49

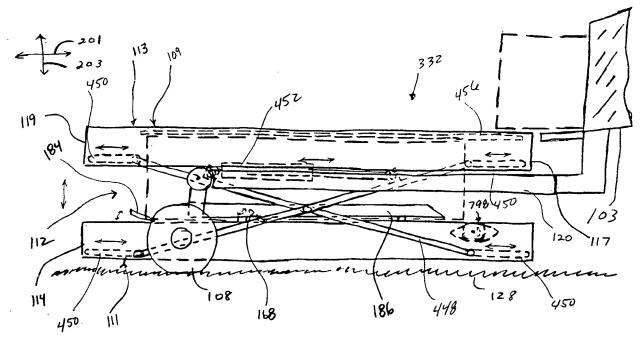




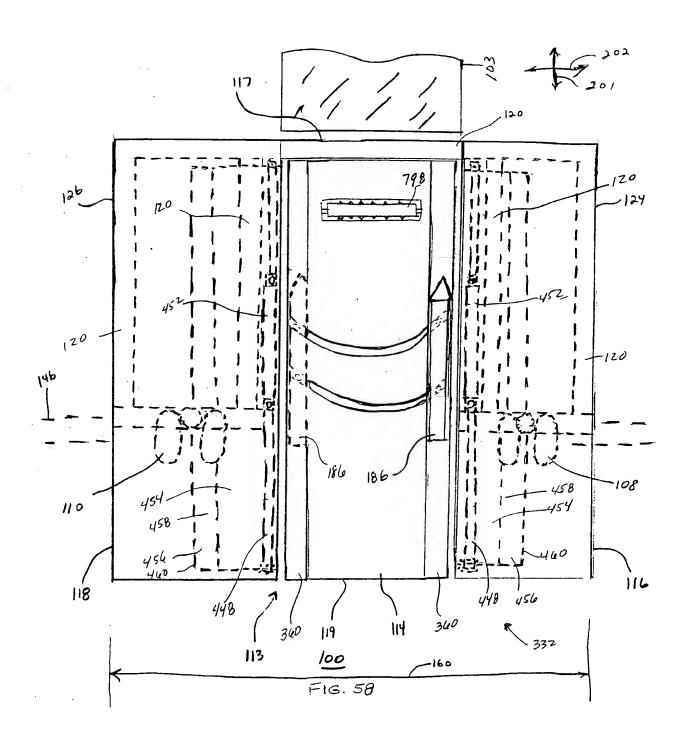


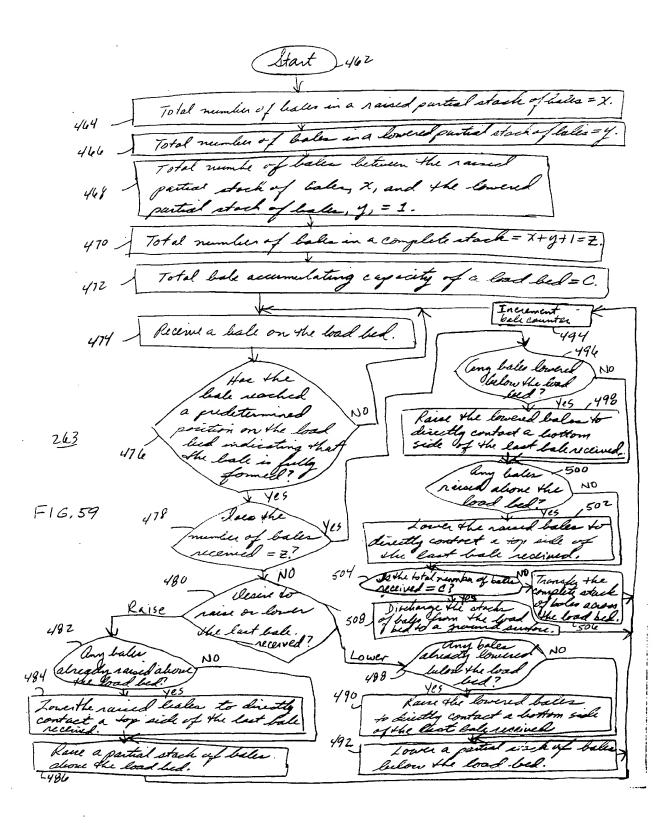


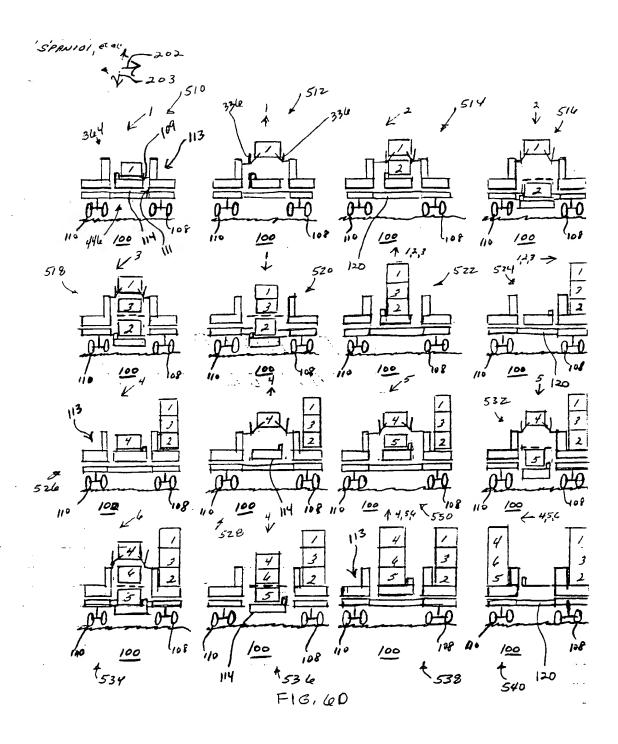




<u>100</u> FIG. 57







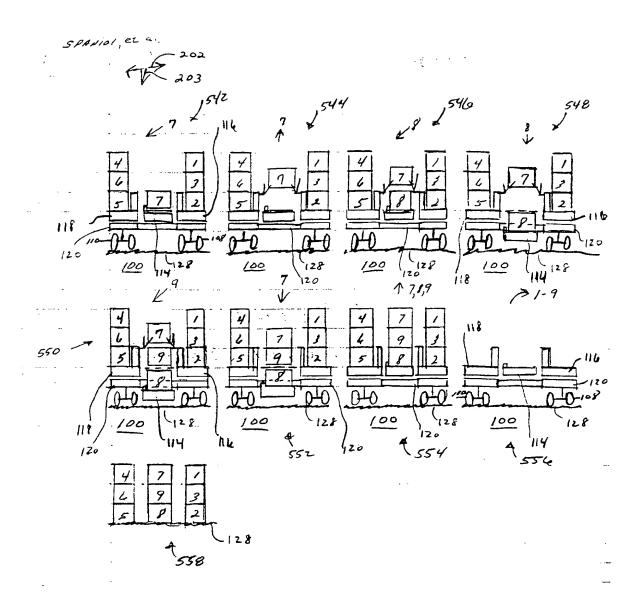
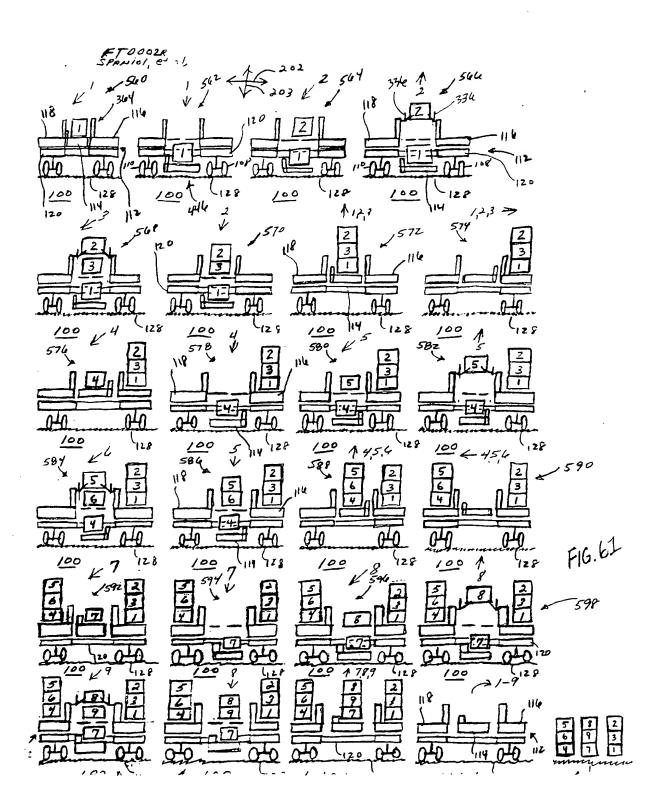


FIG. 60 (cont.)



10 Start 1 15/81

Receive a plurality of bales on a thate receiving portion of a first substantially planar load leed along a bale receiving axis, wherein the first receiving portion is disposed within a perimeter of the first load bed, wherein the bale receiving axis is disposed substantially parallel to a longitudinal axis of the accumulator, and wherein the bales are received in a bale receiving direction essentially opposite to an accumulator traveling direction.

Transfer the bales across the first load led along a bale transferring axis responsive to receiving the bales on first load bed; wherein the bale transferring axis is disposed for bougontally transverse to the bale receiving axis and disposed embetantially parallel to a lateral axis of the accumulator. To accumulate the bales on the first load leed,

pecening the plurality of balls on a second bul recurring portion of a second substantially planar balled, where the second bale recurring portion is disposed within a primeter of the second load bed, wherein

the first load hed is disposed substantially penalled to the second load hed and vertically displaced relative to the second load hed along a common load hed axis, wherein the common load hed axis is disposed vertically transverse to the bale receiving axis and the hale transferring axis

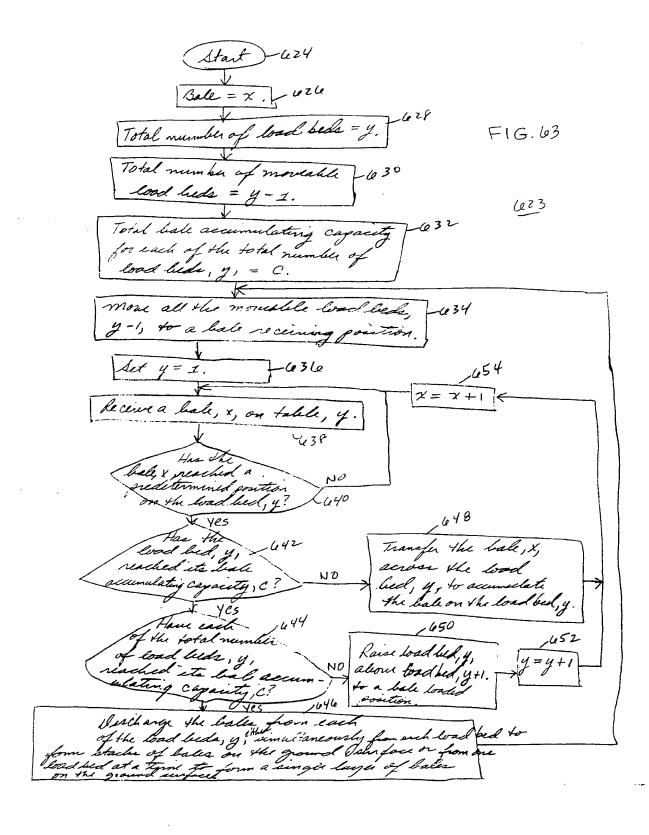
414

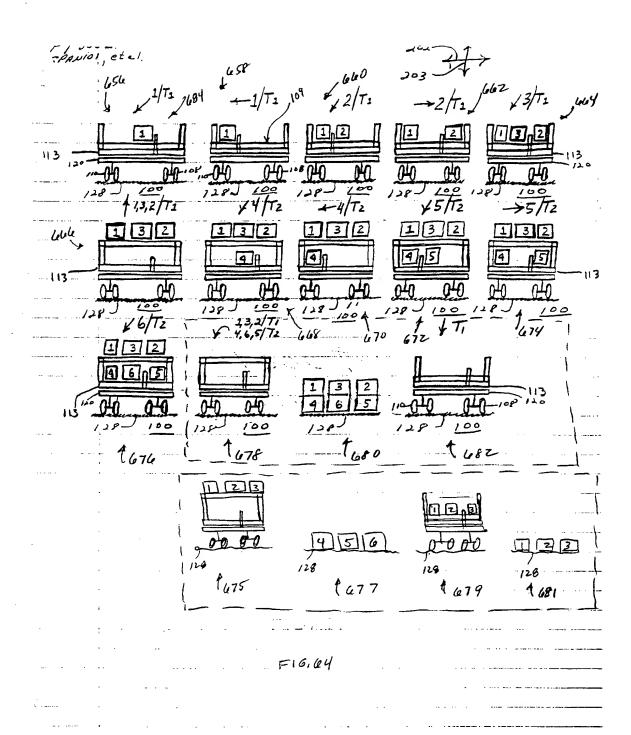
Transfer the . les across the second los les along the bale transfering axis responsing to receiving the bales on the second load bed to accumulate the bales on the second load bed.

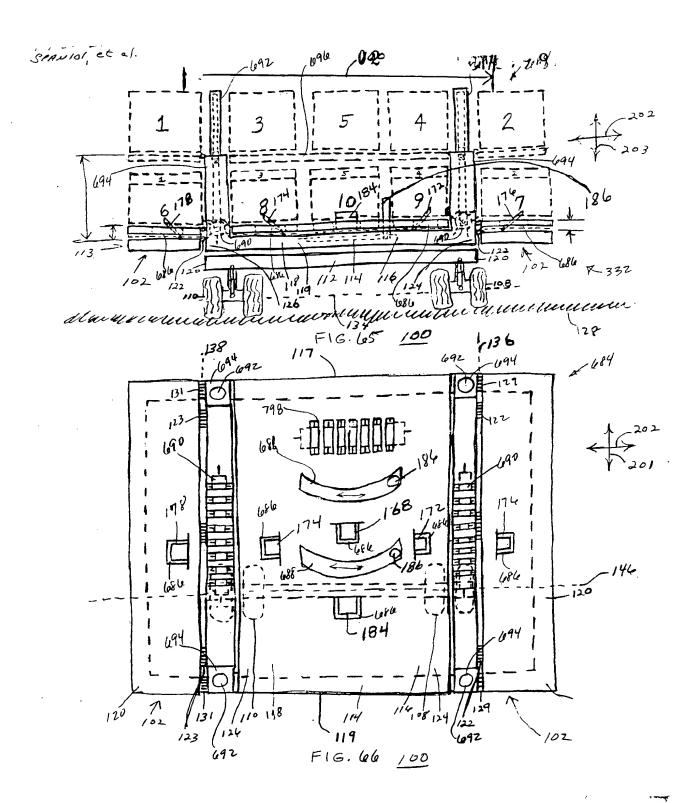
Ducharge the bale accumulated on the frist boad bed and the bale accumulated on the second boad bed from the first load bed and the second load bed, respectively to a ground surface along a bale discharging axis, substantially parallel to the longitudinel axis, and in a bale discharging direction, essentially opposite to the accumulator traveling direction, wherein the bale are discharged from the first load bed and the second load bed either simultaneously to form stacke of bales on the ground surface or from one of the first load bed at a time to form a single layer of bales on the ground surface.

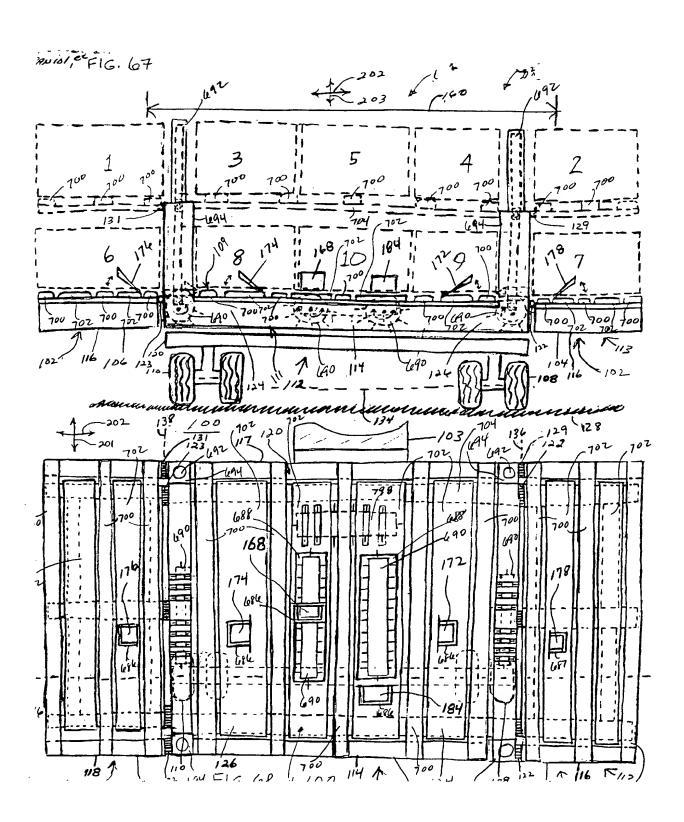
End) 622

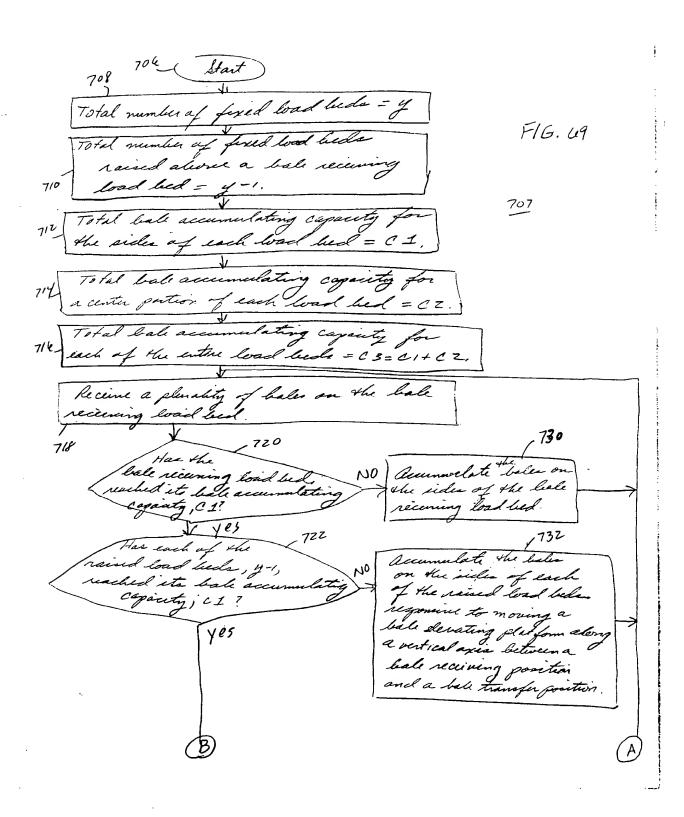
F16. 62 (cont.)











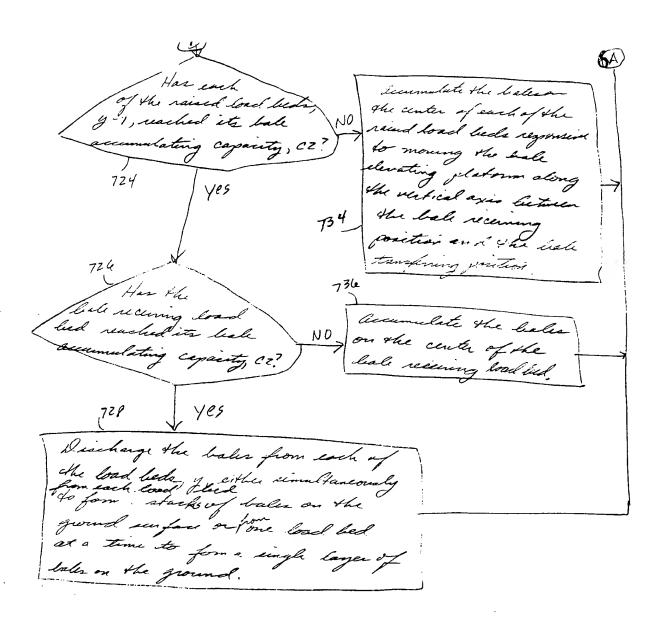
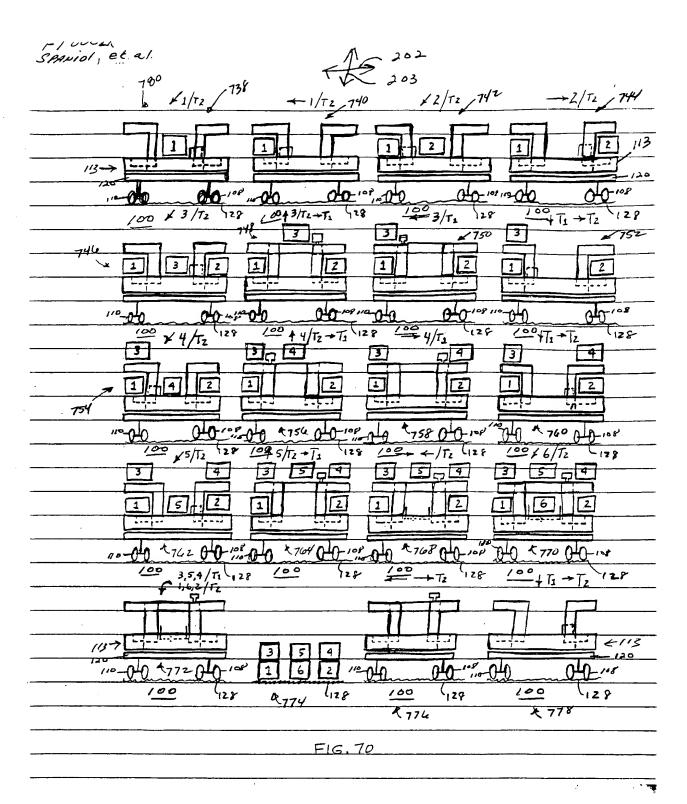
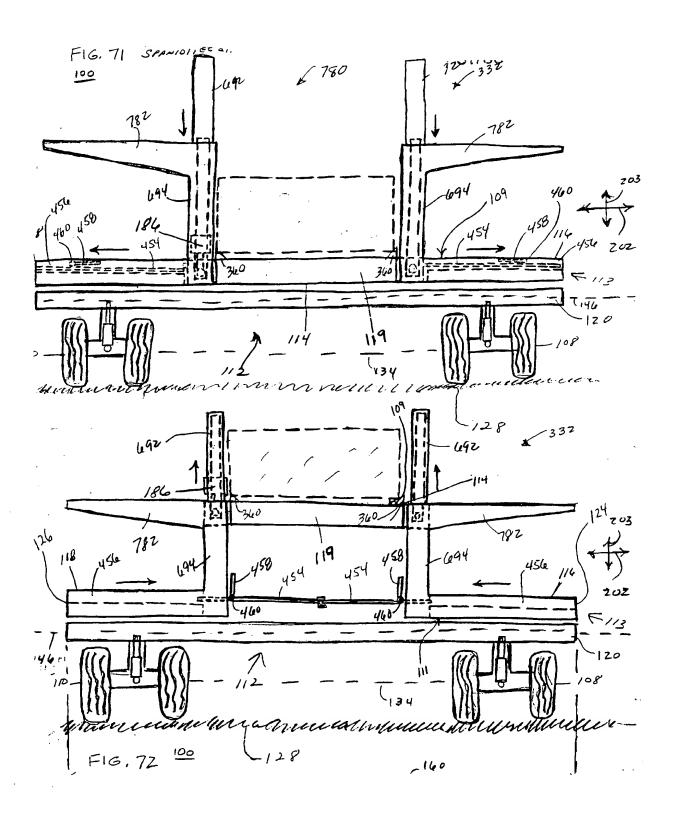
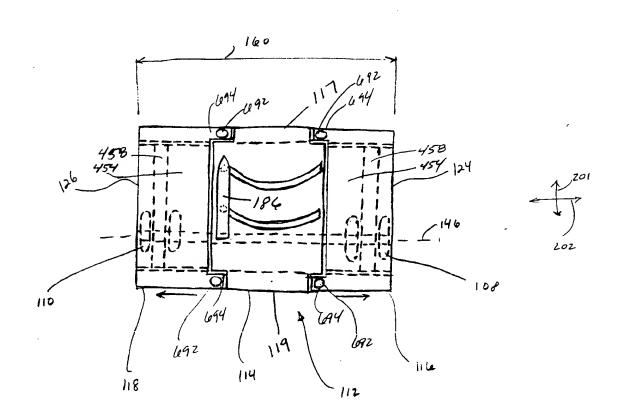


FIG. 49 (cont.)

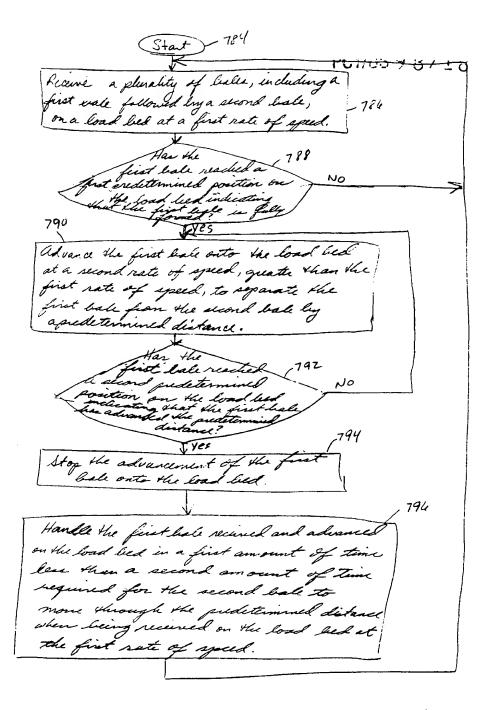




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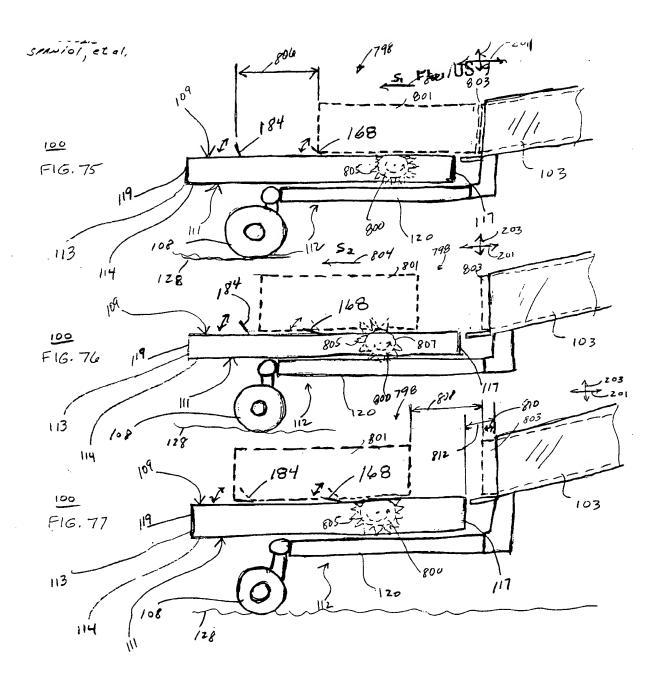


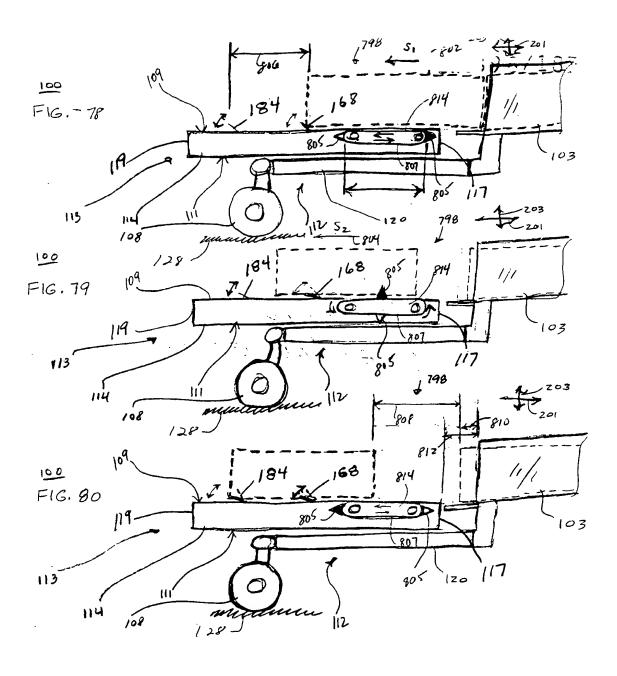
F16. 73



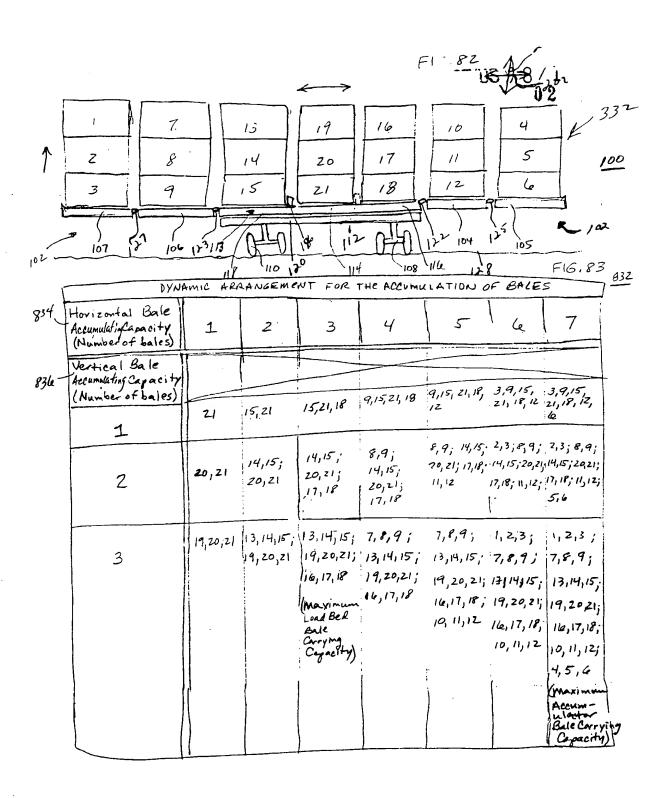
785

FIG. 74





Start (input received during receiring) Receiving an input condition. F16.81 Receiving a plurality of bales \$20 on the agricultural bale accumulator Determining a dynamic arrangement for the plurality of bates received on the agricultural bale accumulator responsive to the input condition. Accumulating the plurality of 830 bales received in the agricultural bale accumulator responsive to the determined dynamic arrangement. Ready to discharge the accumulated bales tra The accumulator to a ground 828 Discharge the accumulated bules



ilcuring a simality of bales
on a load hed of an
agricultural hale accumulation
as the accumulator travele
accord a ground surface having
a degree of lembres which
veries relative to a horizontal plane.

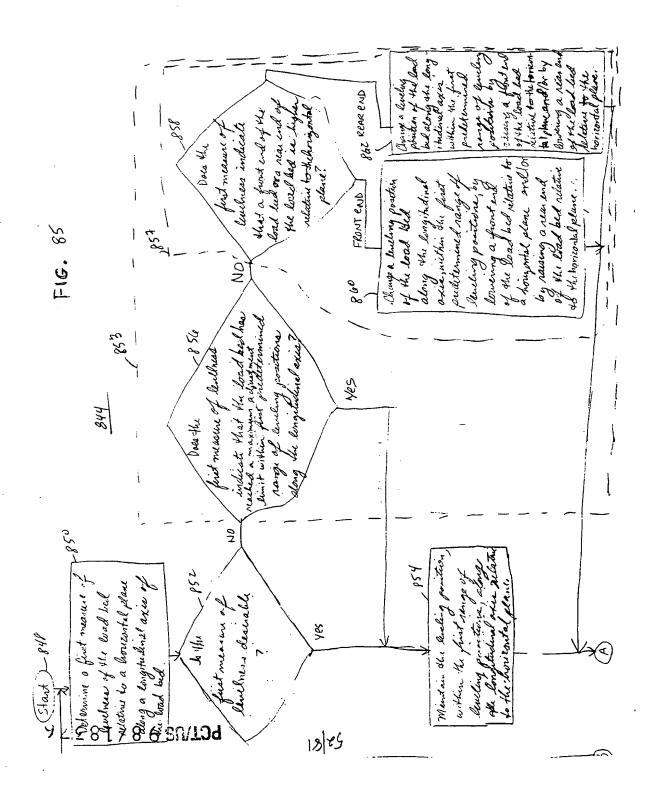
839

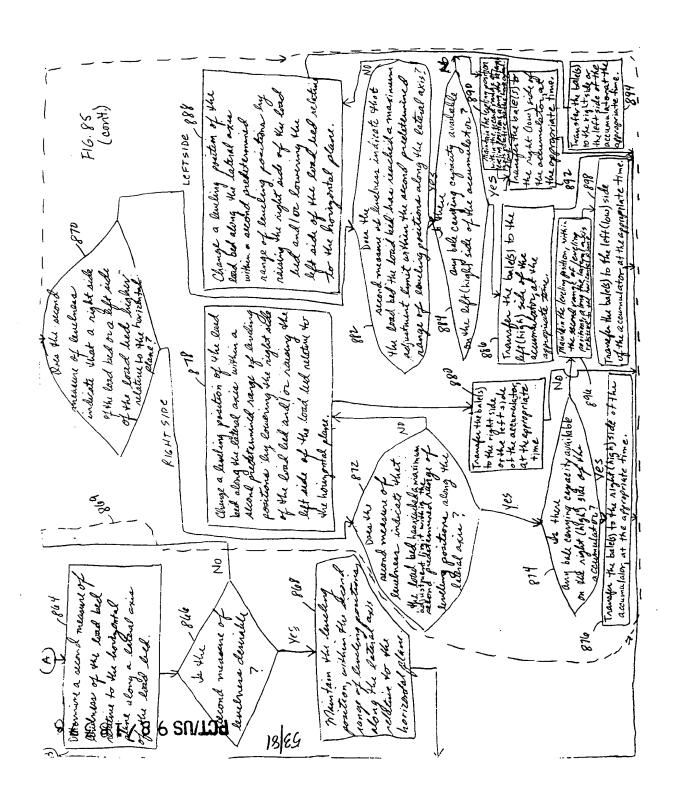
ne the Good led at prelitermined 842 positions on the load bed as the accumulator travels across the ground surface.

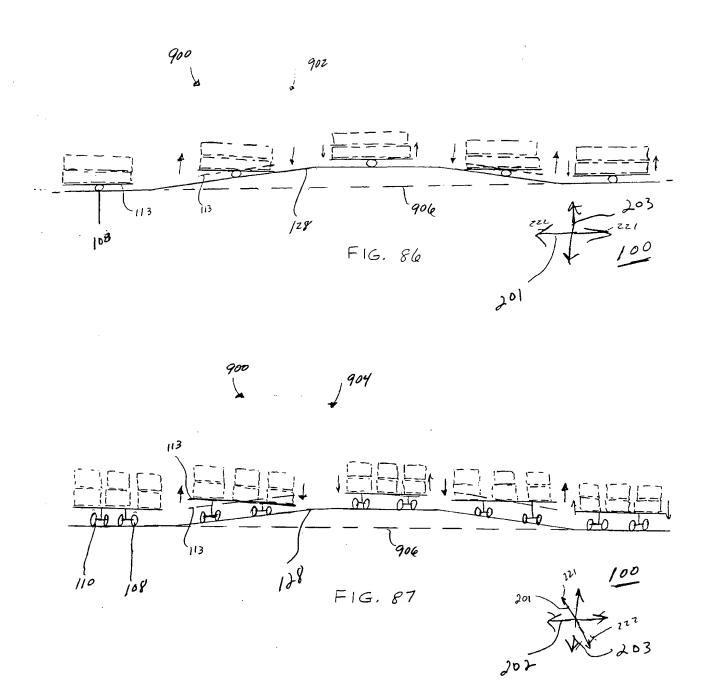
Statishing the clustity of liste 244
accumulated on the load tied
to encourage the plenatity of
bales accumulated on the
load feed at the predaturnined
positions on the load feed
to remain located at the
predetermined positions on the
load feed as the accumulator
is transported across the
yound surface, without using a
liste statistyntion structure permanently
disposed above the load feed

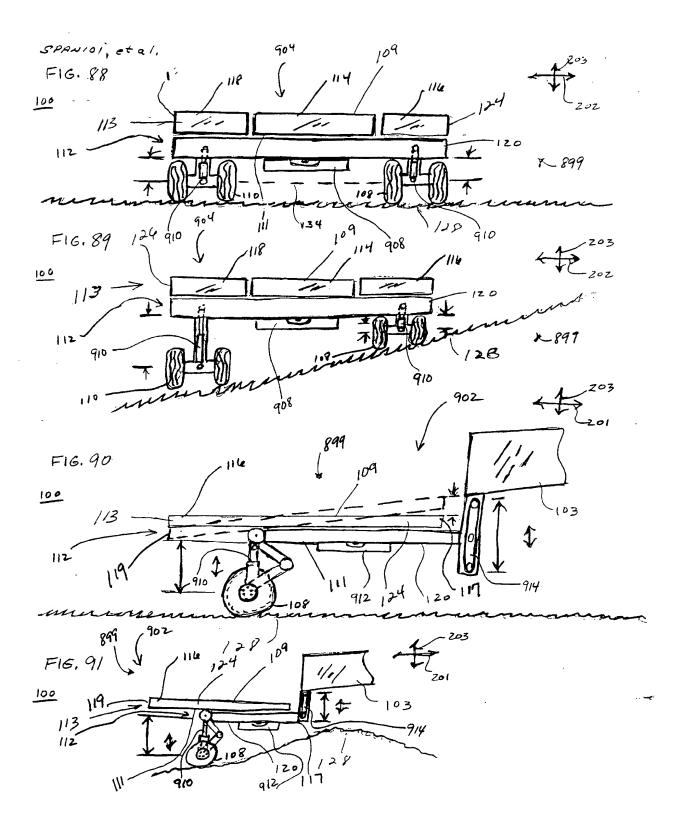
End

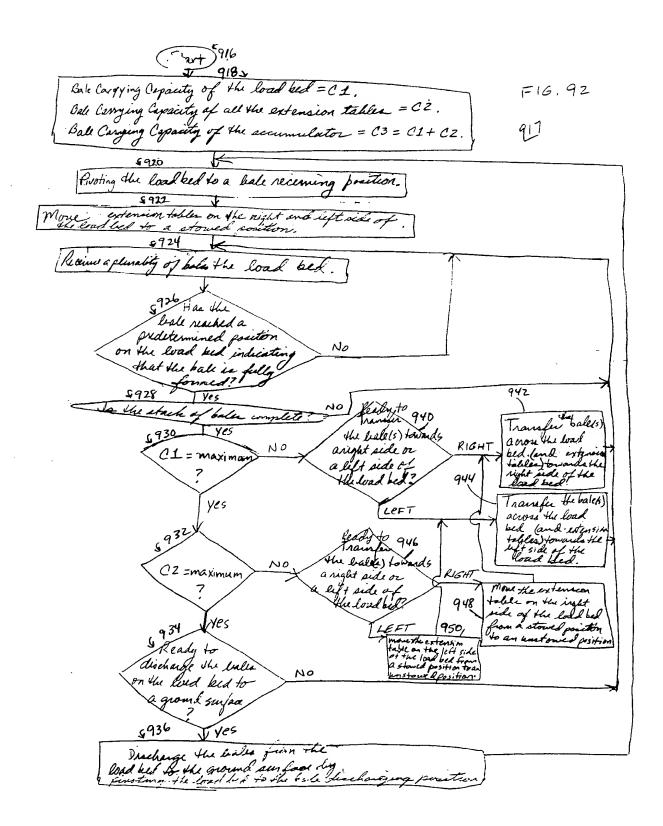
F16.84

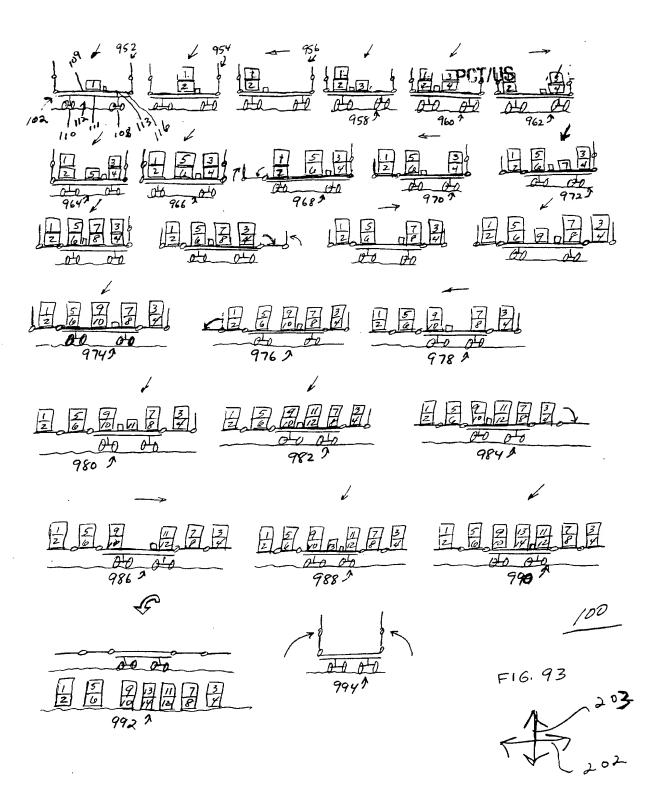


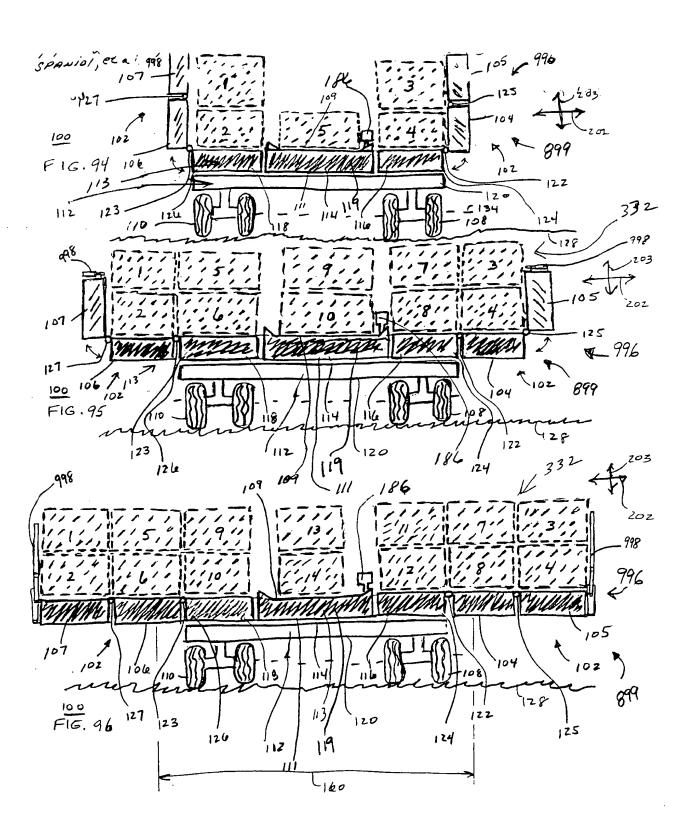


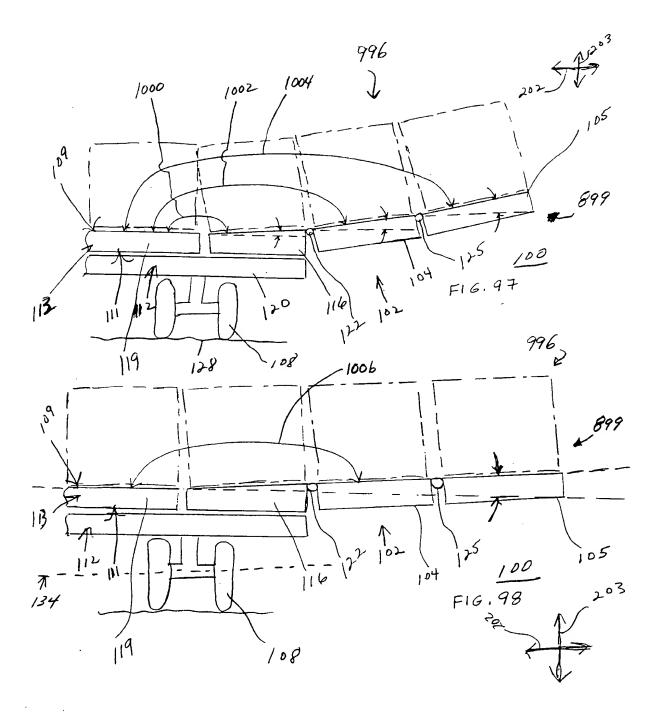


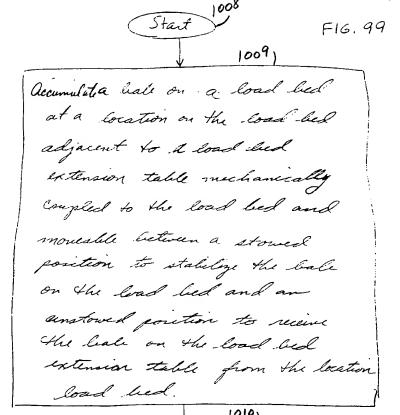












More the load hed extension table from the stowed position responsing to a counterweight force provided by a weight of the ball on the load bed at the location on the load bed adjacent to the load bed extension table and responsing to the ball being transferred from the location on the local bed extension on the local bed extension table and responsing to the ball being transferred from the location on the local bed by the local bed extension table.

End 1011

Start from Step "15 in Fig 92

1013,

Exert a first live force

on the load hed extension

table to cause the

load bed extension table

to more from the unatowed

position to the stoned

position.

Jewe a first latch to hold the loss led extension table in the stowed position

Reduce a countrivinglet force provided hy a weight of a bale on a boal led at a location on the local hel adjacent to the was here externion table.

against first bese force to substantially reduce the effect of the friendline force.

Exect a second less force on the load led extension table to cause the load bed extension table to more from the stowed position to the unstored position

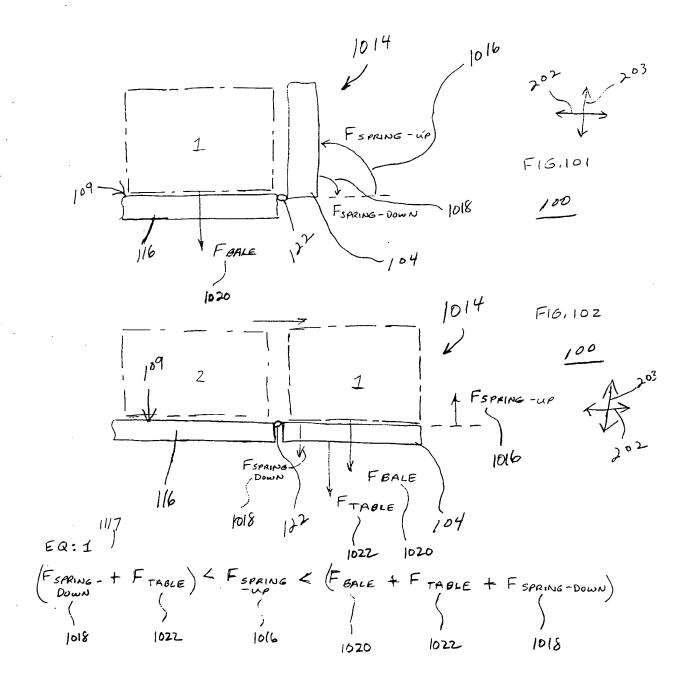
F16. 100

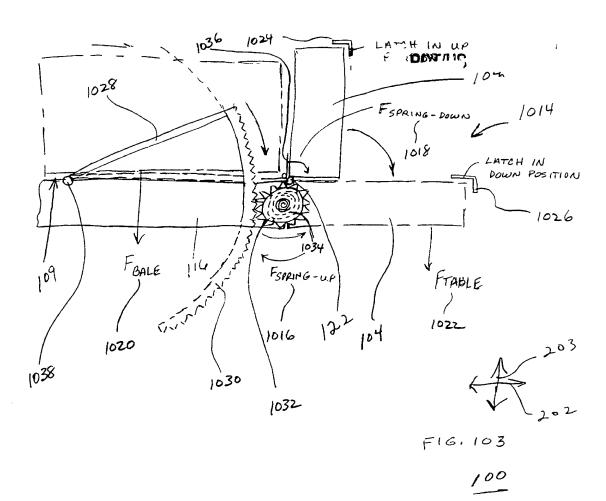
Relian the first lating responsive to the bale believe transferred from the location on the local bed adjacent to the load bed extension table on to the load bed extension table on to the load bed extension table to permit the segand lies force to move the load bed extension to the storage force to move the load bed extension to the unctowed position to the unctowed position.

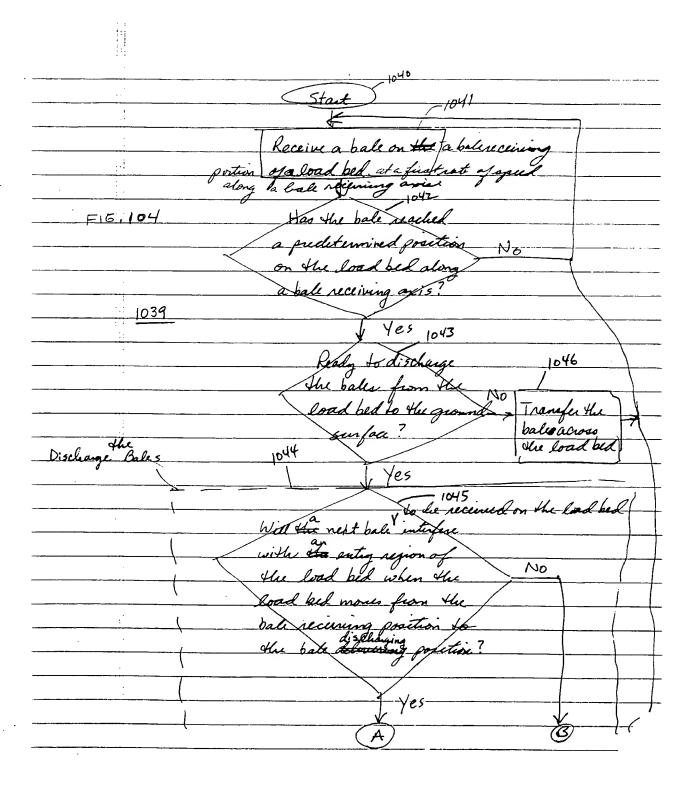
Hart from ctips 936 in freg. 92

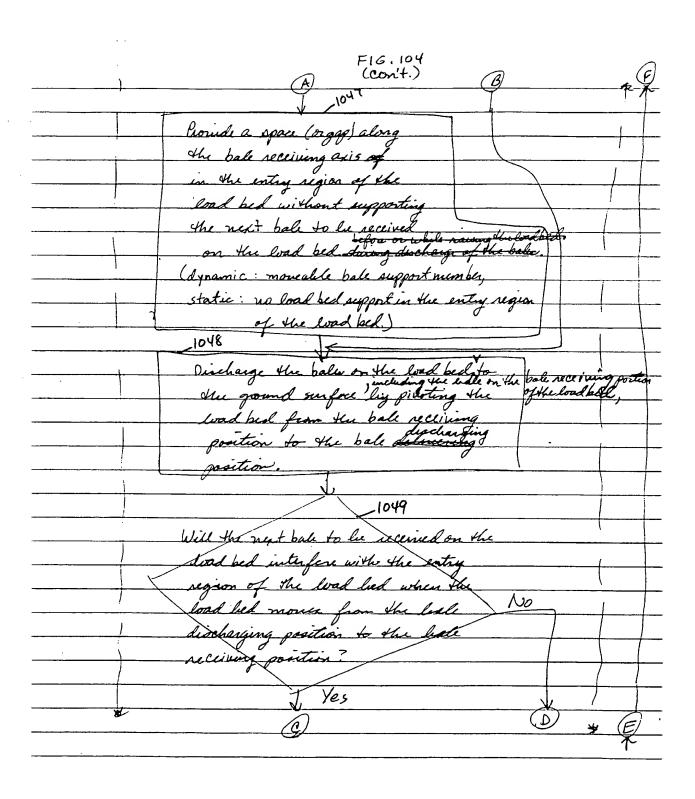
Pelease the second latch, slaponsine to the load bed servoting to the lade receiving position after discharging the balls from the load bed to permit the first bein force to move the load bed extension table from the unstowed position to the about position.

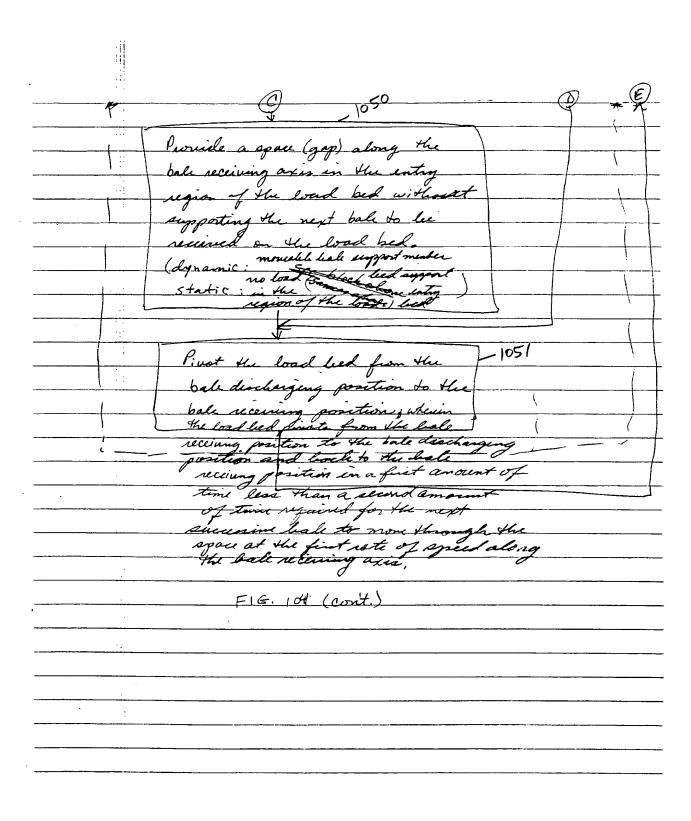
1023 Continue to step 924 in Fig. 93

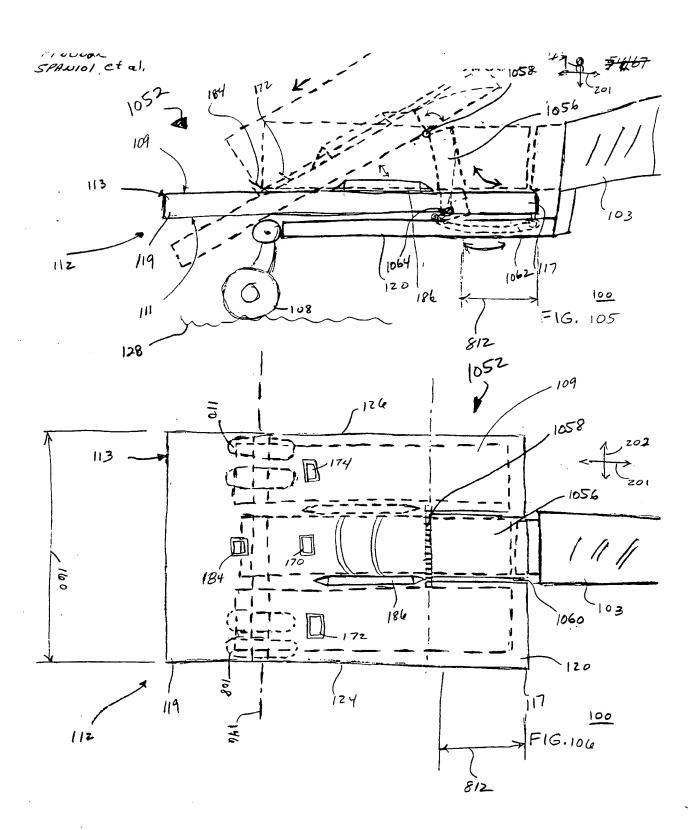


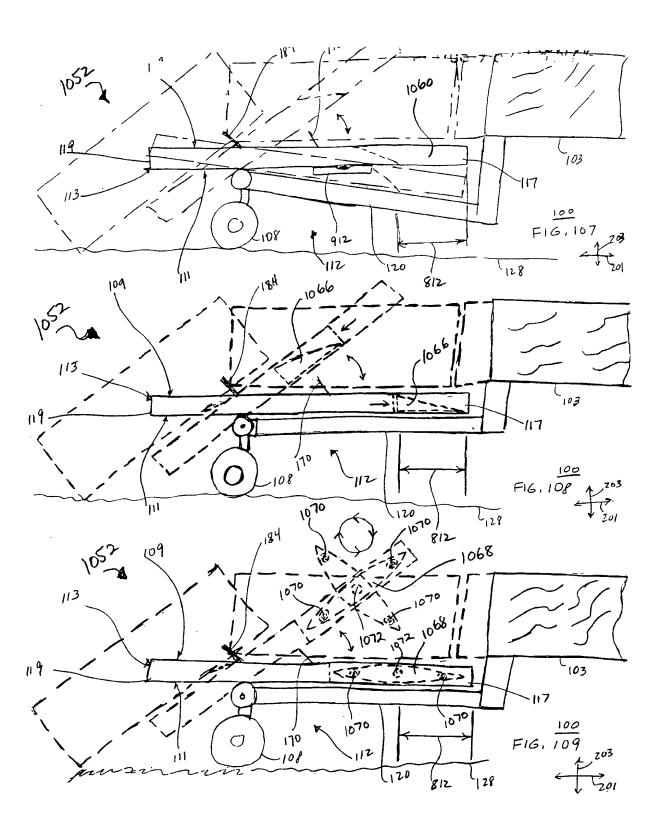


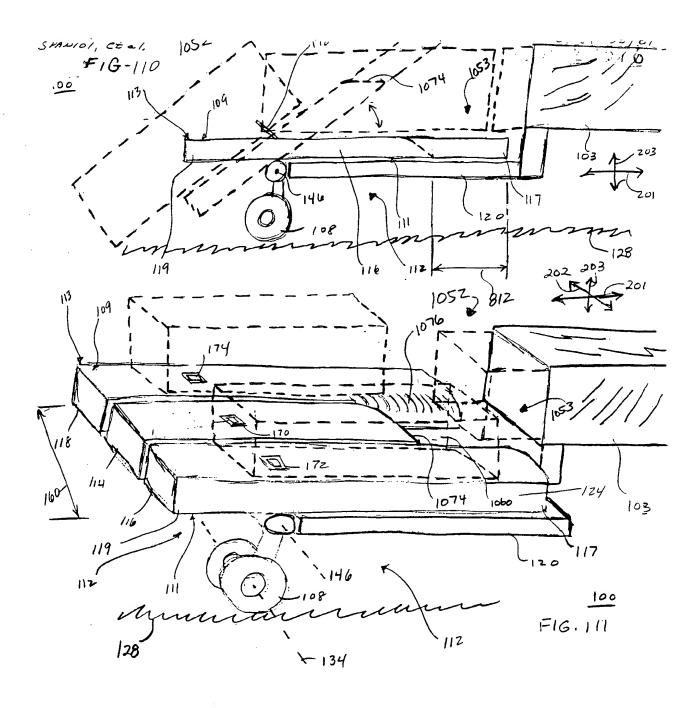


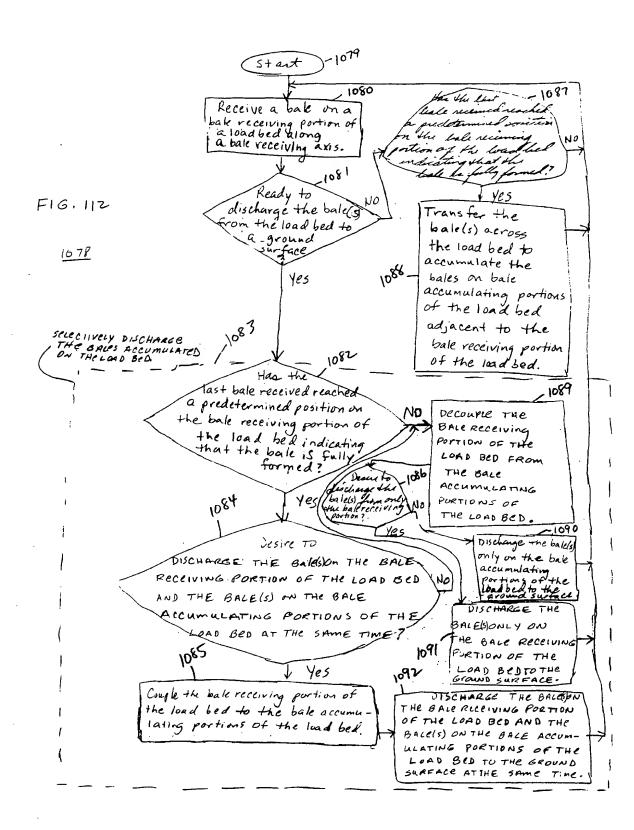


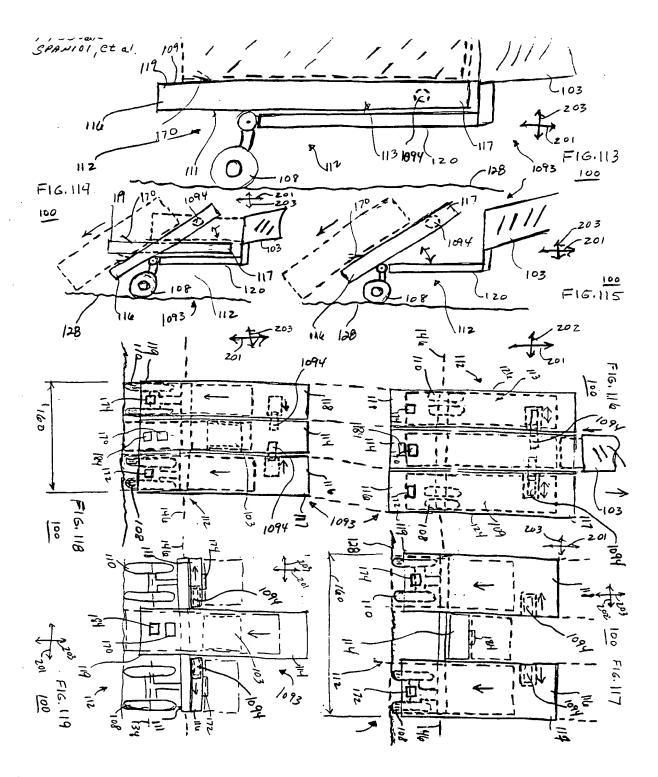








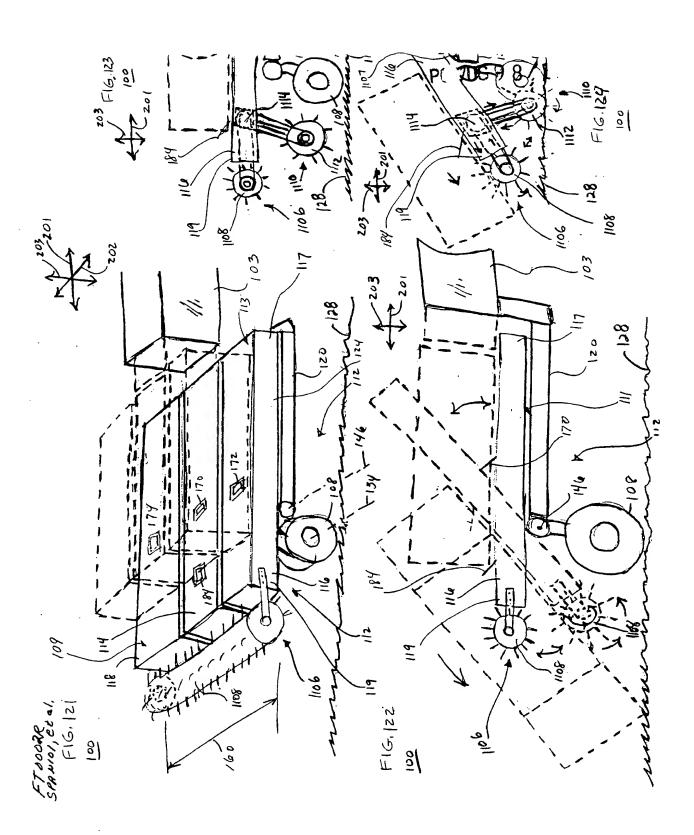


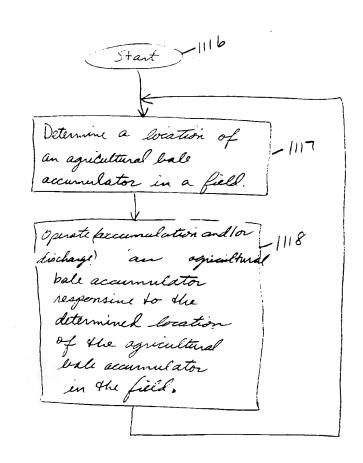


receive a hale on an 1097 agricultural liste accumulator. The hall read tion in the occur NO ting that the Form a stack of bales or 1101 between a sate of speed that the accumulator is traveling in a forwar 1103

1095

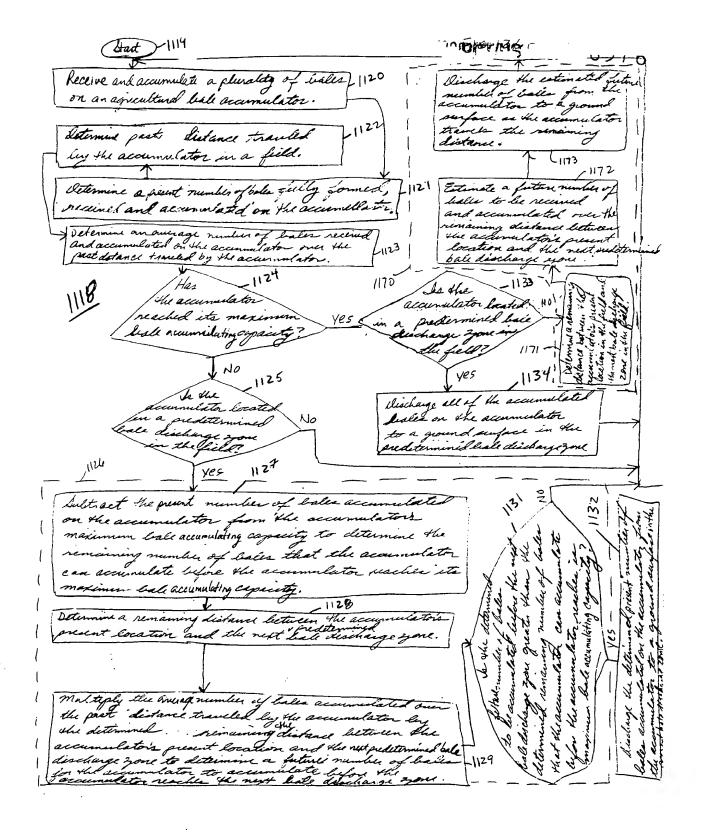
F16.120



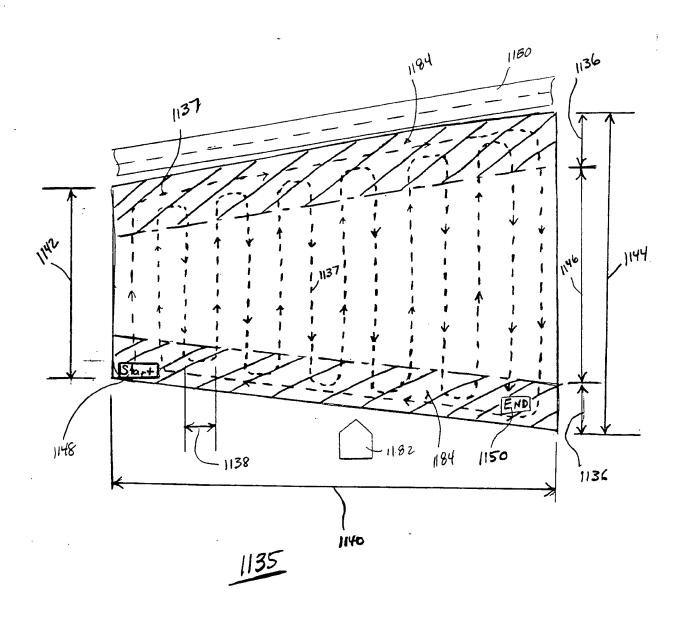


F16. 125

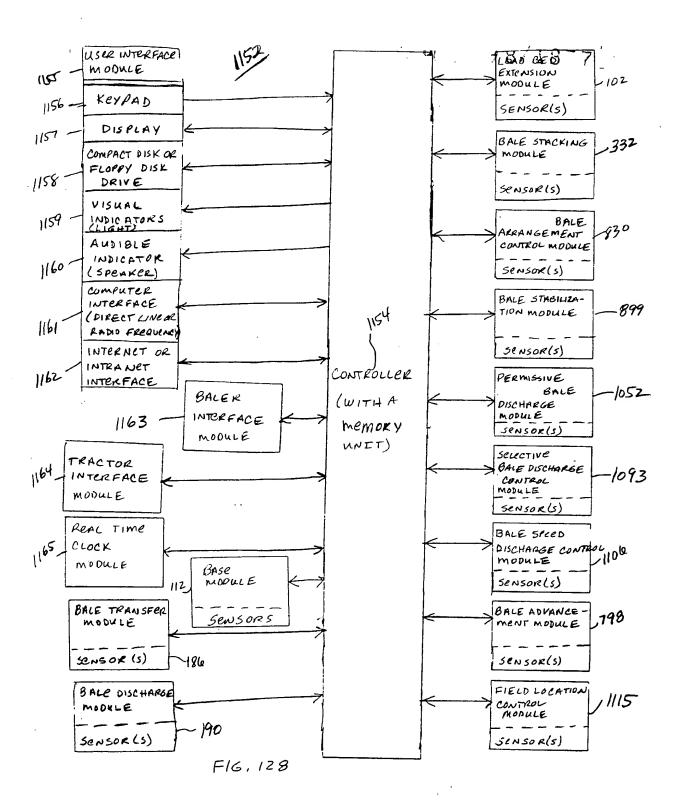


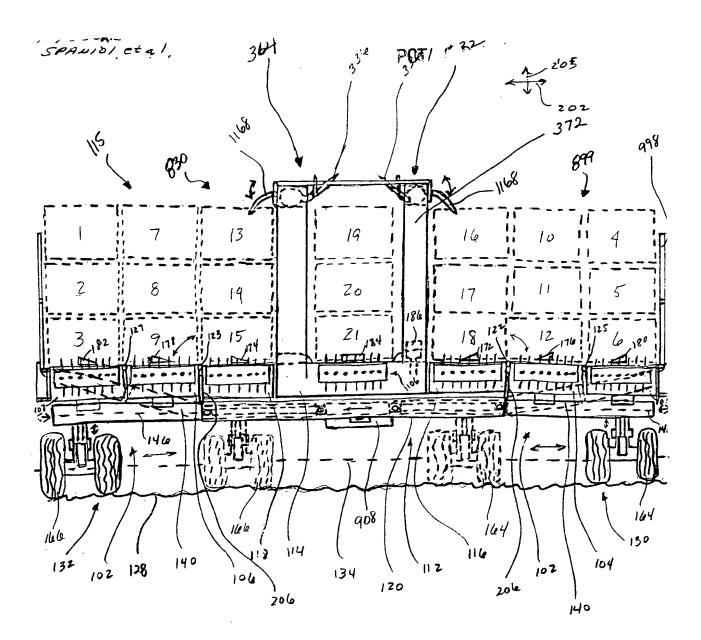


SPANIOL, et al.

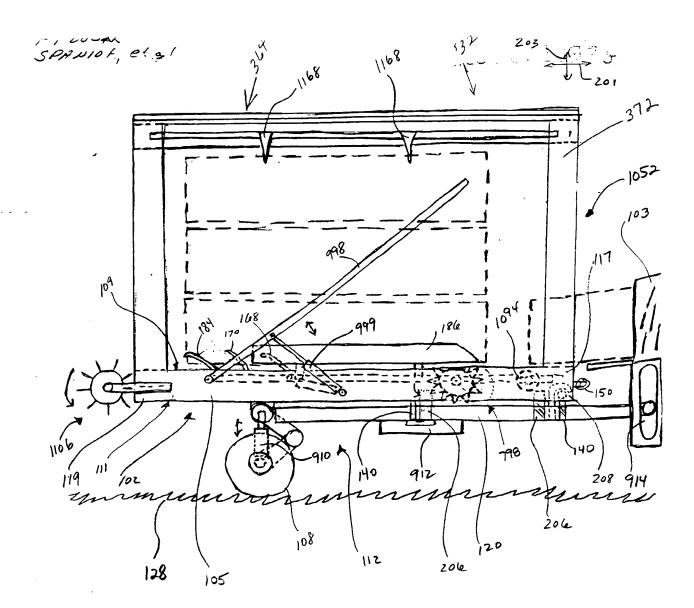


F16,127





F16.129



F16.130



